

DPWC11200

Humidity and temperature sensor



Features

- The DPWC sensor is intended for temperature, humidification and/or dehumidification control in ventilation, air conditioning and heating systems.

Design

- The **DPWC11200** humidity and temperature sensor has 2 analogue outputs: 0–10 V and 4–20 mA. An analogue output provides for stepless fan speed control (requires an EC motor fan).
- With stepless control the fan speed is changed in proportion to the humidity and temperature level. Being equipped with both relay and analogue outputs the sensor is compatible with most every existing ventilation systems.

Mounting

- The sensor is mounted onto a wall in the serviced space. The unit is powered from a 24 VAC/VDC low-current electric mains.

Technical data

Parameters	Values
Power source	8–30 VDC / 12–24 VAC
Analogue outputs	0–10 V and 4–20 mA
Temperature measurement precision	±1.2 °C
Humidity measurement precision	±3 % RH
Operating conditions	-10–60 °C; 10–90 % humidity without condensate
Protection class	IP30
Dimensions	127x80x30 mm